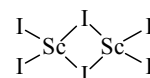


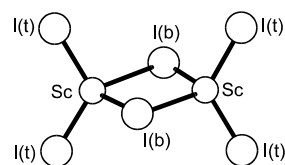
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ED I_6Sc_2 **Di- μ -iodo-bis(diiodoscandium)**Di- μ -iodo-tetraiododiscandium
Discandium hexaiodide D_{2h} assumed

r_a	\AA^a	θ_a	deg^a
Sc–I(t)	2.615(3)	I(t)–Sc–I(t)	127.9(4)
Sc–I(b)	2.741(5)	I(t)–Sc–I(b)	104.7(5)
		I(b)–Sc–I(b)	109(1)

Experimental data from [1] were reanalyzed. The presence of the monomeric and dimeric (79(3) mol%) molecules was taken into account.

The bond lengths $r(\text{Sc–I(t)})$ in Sc_2I_6 and $r(\text{Sc–I})$ in ScI_3 were assumed to be equal.

The temperature of the experiments was 1050 K.



^a) Estimated total errors.

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[1] Ezhov, Yu.S., Komarov, S.A., Sevast'yanov, V.G.: Zh. Fiz. Khim. **69** No.11 (1995) 2099;
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Replaces [II/25A\(2, 808\)](#)